

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known				
Application Number	09/544,253			
Filing Date	Apr 05, 2000	1.		
First Named Inventor	Parupudi	## ^		
Group Art Unit	2172	173		
Examiner Name	LY, ANH			
Attorney Docket Number	MS1-505US	<i>_</i>		

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	U.S. Patent I Number	Cocument Kind Code ² (if known)	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		6,091,956		Hollenberg	07/18/2000			
1		6,421,716		Eldridge, et. al.	7/16/2002			
1		6,411,899 B2	2	Dussell, et. al.	6/25/2002			
X		5,937,164		Mages, et. al.	8/10/1999	RECEIVEID		
R	·	6,359,892 B	1	Szlam	3/19/2002	ILOLIVE		
٨		6.088.717		Reed, et. al	7/11/2000	JUN 2 0 2003		
						Technology Center 2 0		
						· · · · · · · · · · · · · · · · · · ·		
	T							

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	ļ ,	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Office ³	Number ⁴	Kind Code ^s (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T6
								上
			,					1_
					·			\perp
								_
								↓_
					·			╄
								╄
								┼
								╄
				1 1				1

Examiner	And I In	Date 17 116/70 2
Signature	7771	Considered C 0

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ->	
The date type a plas sign (*) make and box —	

JUN 18 2003

Sheet

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2 2

Compl t if Known				
Application Number	09/544,253			
Filing Date	Apr 05, 2000	14		
First Named Inventor	Parupudi	415		
Group Art Unit	2172	775		
Examiner Name	LY, ANH	2		
Attorney Docket Number	MS1-505US	1		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
<u>K</u> _	-	CHALMERS, DAN, SLOMAN, MORRIS; QoS and Context Awareness for Mobile Computing; pages 380-382; Handheld and Ubiquitous Computing; First International Symposium, HUC 1999; September 27-29, 1999; Karlsruhe, Germany	
T		ABOWD, GREGORY D.; Software Design Issues for Ubiquitous Computing; IEEE 1998; pages 104-109; Georgia Institute of Technology	
1	_	SCHILIT, BILL, ADAMS, NORMAN, WANT, ROY; Context-Aware Computing Applications; IEEE 1995; pages 85-90; Palo Alto Research Center, Palo Alto, CA & Computer Science Dept. Columbia University, NY, NY	
		RECEIVE	Ы
·		JUN 2 0 2003	
		Technology Center 2	100

Examiner Signature	Anh Ly	Date Considered	12/16/03
<u> </u>			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a	plus sign (+) inside this box ->	+

Substitute for form 1449B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Compl te if Known				
Application Number	09/544,253	•		
Filing Date	Apr 05, 2000	3//		
First Named Inventor	Parupudi	1770		
Group Art Unit	2172	7		
Examiner Name	LY, ANH			
Attorney Docket Number	MS1-505US			

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials					
OL.		HANSSON, HANS A. et al., "BASEMENT a Distributed Real-Time Architecture for Vehicle Applications," Proceedings of the Real-Time Technology and Applications Symposium (RTAS '95), 1995 IEEE, pp. 220-229.			
			\dagger		
,	·				
		RECEIVED			
		JUL 0 2 2003			
		Technology Center 21	ο φ _		
		·			
•			1.		
Examine	r	Anh Cy Date Considered 12/16/03			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

+

Subs INI ST

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known				
Application Number	09/544,253			
Filing Date	Apr 05, 2000	.٧.		
First Named Inventor	Parupudi	*/\		
Group Art Unit	2172	73 /		
Examiner Name	LY, ANH			
Attorney Docket Number	MS1-505US	\leq		

_						
				U.S. PATENT DOC	JMENTS	
Examiner nitials	Cite No.1	U.S. Patent	Cocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>X</i>		5,230,072		Smith et al.	07/20/1993	
A		6,343,291		Goldman	01/29/2002	•
A		6,522,875		Dowling et al.	02/18/2003	
	-					
					 	
						RECEIVED
						SEP 0 5 2003
_						Technology Center 21
					- 5.	1001010 5/ 0011.5. 22.
						····
		I		1	<u> </u>	

				FORE	IGN PATENT DOCUMEN	TS		
Examiner Initials	Cite No.1	Office ³	Foreign Patent Do	cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
							•	$oldsymbol{\perp}$
								↓_
						<u> </u>		╄
								╄
-						 		╁
		 				 		╁

Signature Considered 12 6/03	Examiner Signature		Considered 1 L	110/°<
------------------------------	-----------------------	--	----------------	--------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please t	уре а	plus	sign	(+)	inside	this	box	→	+

Complet if Known Substitute for form 14498/PTO 09/544,253 **Application Number** INFORMATION DISCLOSURE Apr 05, 2000 **Filing Date** Parupudi STATEMENT BY APPLICANT **First Named Inventor** 2172 Group Art Unit LY, ANH **Examiner Name** (use as many sheets as necessary) MS1-505US Attorney Docket Number of 2 2 Sheet

		NON PATENT LITERATURE DOCUMENTS	_
xaminer nitials*	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
<u>k</u> _		FULTON, JENNIFER, "Computer Maintenance, Part 1 First Step: Spring Cleaning," TOGGLE, December 1999, pp. 1-3.	
			T
			t
RECEIVED SEP 0 5 2003 Technology Center 2100			
	_	D. CENAL	<u> </u>
			1
		Technology Center 2:	
			T
	-		\dagger
			$\frac{1}{1}$
			-

Anh Examiner Considered Signature *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

considered. Include copy of this form with next communication to applicant. ¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

ease type a plus sign (+) inside this box	→ NOV 1 4 2003	C1230H	•	+
Substitute for form 1449B/PTO	PAR TRADEMA	Co	mplete if Known	
		Application Number	09/544,253	
INFORMATION I	DISCLOSURE	Filing Date	Apr 05, 2000	
STATEMENT BY		First Named Inventor	Parupudi	(* · · ·
STATEMENT B	, All LIOAN	Group Art Unit	2172	1 2/2/
(use as many shee	ets as necessary)	Examiner Name	LY, ANH	(4)
Sheet 1 of	1	Attorney Docket Number	MS1-505US	

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T ²
K		publisher, city and/or country where published.	Ĺ
		Nelson G. J., "Context-Aware and Location Systems", Ph. D. Dissertation, University of Cambridge, Jan 1	
<u> </u>		Bahl P. and Padmanabhan V., "User Location and Tracking in an In-Building Radio Network", Technical Report MSR-TR-99-12, Microsoft Research, Feb. 1999.	
		RECEIV	E
-	Ì	NOV 2 1 20	03
		Technology Cent	er 2
			<u> </u>

Signature

Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.